

Product Data Sheet

Recombinant Mouse IL-2 (ELISA Standard)

Catalog # / Size: 575409 / 4 pack

Purity: >98%, as determined by SDS-PAGE, Coomassie stained with Invitrogen SimplyBlue SafeStain.

Endotoxin Level: Less than 0.01 ng per µg cytokine as determined by the LAL method.

Preparation: ELISA Standard 4-Pack contains four vials of recombinant mouse IL-2 at >5 ng per vial. Recommended for ELISA application only. Standards are calibrated against a BioLegend Master Calibrator.

Formulation: Lyophilized in sterile-filtered PBS, pH 7.2, containing 1% BSA.

Storage: Upon receipt, store unopened vials at 4°C immediately and use within 12 months from date of receipt. Prior to use, reconstitute the lyophilized powder with 0.2 ml of PBS containing a carrier protein (e.g., 1% BSA, protease free), pH 7.4. Re-cap vial, vortex. Allow the reconstituted standard to sit at room temperature for 15 minutes, vortex again to mix completely. The reconstituted standard stock solution can be aliquoted into polypropylene vials and stored at -70°C for up to one month. Do not re-use diluted standards. Use a manual defrost freezer and avoid repeated freeze thaw cycles.

Applications:

Applications: ELISA

Recommended Usage: Each lot of this protein is quality control tested by ELISA assay. For use as an ELISA standard, a standard curve comprised of doubling dilutions from 250 pg/ml to 2 pg/ml is suggested. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: This IL-2 protein is useful as a standard for a mouse IL-2 sandwich ELISA, using unlabeled JES6-1A12 antibody (catalog # 503702) for capture and biotinylated JES6-5H4 antibody (catalog # 503804) for detection.

Related Products:	Product	Clone	Application
	TMB Substrate Reagent Set		ELISA
	ELISA Assay Diluent (5X)		ELISA
	Mouse IL-2 ELISA MAX™ Deluxe		ELISA



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